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Northern Gulf Littoral Initiative (NGLI), Geology and Physical Properties of Marine Sediments in the N.E. Gulf of Mexico: Data Report

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13. ABSTRACT (Maximum 200 words) Sediment cores and grab samples were collected in the N.E. Gulf of Mexico for the purpose of categorizing the seafloor environment. This report presents results of shore-based analyses performed on the cores and grab samples. Interpretive results are not included. The unopened cores were continuously logged with a multisensor core logger, X-rayed for internal structure identification, and subsequently split opened where the core material was tested for mass physical and mechanical properties. This CD data report contains spreadsheets that include: the logged data (compressional wave velocity, bulk density by gamma-ray attenuation, derived porosity and acoustic impedance), the laboratory determined properties (natural water content, undrained shear strength, and particle size distribution parameters), core and grab sample photos, and maps of the surficial sediment properties.				
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